

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/006408

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C213/02 C07D295/08 C07D211/46 C07C215/82 C07C215/76

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HAGA, KAZUO ET AL: "Condensation of 1,4-cyclohexanediones and secondary aromatic amines. II. N-phenylation of diarylamines" BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN, 59(3), 803 -7 CODEN: BCSJA8; ISSN: 0009-2673, 1986, XP008047270 cited in the application page 803; table 1; compounds 4J-4L -----	1
A	LEONARD, NELSON J. ET AL: "Unsaturated amines. IX. Through bisenamines to aromatics" JOURNAL OF ORGANIC CHEMISTRY, 21, 1187-8 CODEN: JOCEAH; ISSN: 0022-3263, 1956, XP008047221 the whole document ----- -/--	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

01/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>HARRIS, MICHELE C. ET AL: "Improved Functional Group Compatibility in the Palladium-Catalyzed Synthesis of Aryl Amines"</p> <p>ORGANIC LETTERS, 4(17), 2885 -2888</p> <p>CODEN: ORLEF7; ISSN: 1523-7060, 2002, XP008047213</p> <p>cited in the application abstract</p> <p>-----</p>	1